

Refine Search

Search Results -

Terms	Documents
soybean and 0509235	0

Database:
 US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
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 EPO Abstracts Database
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Search History

DATE: Wednesday, March 16, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L6</u>	soybean and 0509235	0	<u>L6</u>
<u>L5</u>	L4 and (hilum adj5 brown)	2	<u>L5</u>
<u>L4</u>	L3 and (coat adj5 yellow)	16	<u>L4</u>
<u>L3</u>	L2 and (maturity adj3 0)	16	<u>L3</u>
<u>L2</u>	L1 and soybean	28	<u>L2</u>
<u>L1</u>	schultze-dennis-S.in.	28	<u>L1</u>

END OF SEARCH HISTORY

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FILE 'HOME' ENTERED AT 11:22:44 ON 16 MAR 2005

=> file agricola biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'AGRICOLA' ENTERED AT 11:22:59 ON 16 MAR 2005

FILE 'BIOSIS' ENTERED AT 11:22:59 ON 16 MAR 2005

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=> s schultze d? /au

L1 64 SCHULTZE D?

=> s l1 and soybean

L2 12 L1 AND SOYBEAN

=> s l2 and 0509235

L3 0 L2 AND 0509235

=> s l2 and purple

L4 0 L2 AND PURPLE

=> s l2 and white

L5 0 L2 AND WHITE

=> d l2 1-12 ibib

L2 ANSWER 1 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2005:21554 BIOSIS

DOCUMENT NUMBER: PREV200500024757

TITLE: Soybean cultivar 19704230.

AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]

CORPORATE SOURCE: ASSIGNEE: Mertec LLC

PATENT INFORMATION: US 6828486 December 07, 2004

SOURCE: Official Gazette of the United States Patent and Trademark

Office Patents, (Dec 7 2004) Vol. 1289, No. 1.

<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent

LANGUAGE: English

ENTRY DATE: Entered STN: 29 Dec 2004

Last Updated on STN: 29 Dec 2004

L2 ANSWER 2 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2005:21553 BIOSIS

DOCUMENT NUMBER: PREV200500024755

TITLE: Soybean cultivar 0332132.

AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]

CORPORATE SOURCE: ASSIGNEE: Mertec LLC

PATENT INFORMATION: US 6828484 December 07, 2004

SOURCE: Official Gazette of the United States Patent and Trademark

Office Patents, (Dec 7 2004) Vol. 1289, No. 1.

<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 3 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21552 BIOSIS
DOCUMENT NUMBER: PREV200500024753
TITLE: Soybean cultivar S010356.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6828482 December 07, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 4 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21469 BIOSIS
DOCUMENT NUMBER: PREV200500024758
TITLE: Soybean cultivar 19705120.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6828488 December 07, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 5 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21468 BIOSIS
DOCUMENT NUMBER: PREV200500024756
TITLE: Soybean cultivar S010336.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6828485 December 07, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21467 BIOSIS
DOCUMENT NUMBER: PREV200500024754
TITLE: Soybean cultivar S010351.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6828483 December 07, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 7 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21466 BIOSIS
DOCUMENT NUMBER: PREV200500024752
TITLE: Soybean cultivar S010346.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6828481 December 07, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Dec 7 2004) Vol. 1289, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 8 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21215 BIOSIS
DOCUMENT NUMBER: PREV200500024393
TITLE: Soybean cultivar 0332119.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6825403 November 30, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Nov 30 2004) Vol. 1288, No. 5.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 9 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2005:21120 BIOSIS
DOCUMENT NUMBER: PREV200500024392
TITLE: Soybean cultivar 0332123.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6825402 November 30, 2004
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Nov 30 2004) Vol. 1288, No. 5.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 29 Dec 2004
Last Updated on STN: 29 Dec 2004

L2 ANSWER 10 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 2003:366066 BIOSIS
DOCUMENT NUMBER: PREV200300366066
TITLE: Soybean cultivar B3491.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6590144 July 08, 2003
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (July 8 2003) Vol. 1272, No. 2.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133 (ISSN print).
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 6 Aug 2003
Last Updated on STN: 6 Aug 2003

L2 ANSWER 11 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2003:354773 BIOSIS
DOCUMENT NUMBER: PREV200300354773
TITLE: Soybean cultivar B0591.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: ASSIGNEE: Mertec LLC
PATENT INFORMATION: US 6586660 July 01, 2003
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (July 1 2003) Vol. 1272, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 30 Jul 2003
Last Updated on STN: 30 Jul 2003

L2 ANSWER 12 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2003:302240 BIOSIS
DOCUMENT NUMBER: PREV200300302240
TITLE: Soybean cultivar B0592.
AUTHOR(S): Schultze, Dennis L. [Inventor, Reprint Author]
CORPORATE SOURCE: Olivia, MN, USA
ASSIGNEE: Mertec LLC, West Point, IA, USA
PATENT INFORMATION: US 6570073 May 27, 2003
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (May 27 2003) Vol. 1270, No. 4.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

FILE 'HOME' ENTERED AT 11:26:04 ON 16 MAR 2005

=> file agricola biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 11:26:15 ON 16 MAR 2005

FILE 'BIOSIS' ENTERED AT 11:26:15 ON 16 MAR 2005
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=> s soybean and (cotyledon(w)yellow)
L1 0 SOYBEAN AND (COTYLEDON(W) YELLOW)

=> s soybean and (yellow(W)cotyledon)
L2 4 SOYBEAN AND (YELLOW(W) COTYLEDON)

=> s l2 and (tawny(w)pubescence)
L3 0 L2 AND (TAWNY(W) PUBESCENCE)

=> s soybean and dull and yellow and luster and roundup
L4 0 SOYBEAN AND DULL AND YELLOW AND LUSTER AND ROUNDUP

=> s soybean and dull and yellow and luster
L5 0 SOYBEAN AND DULL AND YELLOW AND LUSTER

=> s soybean and dull and yellow
L6 0 SOYBEAN AND DULL AND YELLOW

=> s soybean and yellow
L7 1031 SOYBEAN AND YELLOW

=> s l7 and white
L8 98 L7 AND WHITE

=> s l8 and brown
L9 19 L8 AND BROWN

=> s l9 and tawny
L10 2 L9 AND TAWNY

=> d l10 1-2 ibib

L10 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
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(2005) on STN

ACCESSION NUMBER: 94:14369 AGRICOLA
DOCUMENT NUMBER: IND20372109
TITLE: Inheritance of red-buff seed coat in soybean
AUTHOR(S): Seo, Y.W.; Specht, J.E.; Graef, G.L.; Graybosch, R.A.
AVAILABILITY: DNAL (64.8 C883)
SOURCE: Crop science, July/Aug 1993. Vol. 33, No. 4. p.
754-758
Publisher: Madison, Wis. : Crop Science Society of
America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
NOTE: Includes references
PUB. COUNTRY: United States; Wisconsin
DOCUMENT TYPE: Article
FILE SEGMENT: U.S. Imprints not USDA, Experiment or Extension
LANGUAGE: English

L10 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 ACCESSION NUMBER: 1993:428143 BIOSIS
 DOCUMENT NUMBER: PREV199396082768
 TITLE: Inheritance of red-buff seed coat in **soybean**.
 AUTHOR(S): Seo, Y. W.; Specht, J. E. [Reprint author]; Graef, G. L.;
 Graybosch, R. A.
 CORPORATE SOURCE: Dep. Agron., Univ. Nebraska, Lincoln, NE 68583-0915, USA
 SOURCE: Crop Science, (1993) Vol. 33, No. 4, pp. 754-758.
 CODEN: CRPSAY. ISSN: 0011-183X.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 22 Sep 1993
 Last Updated on STN: 23 Sep 1993

=> d 110 2 ab

L10 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 AB In **soybean** (*Glycine max* (L.) Merr.), five loci ((I/i-k/i-i/i,
 R/r-m/r, T/t, W1/w1, O/o) interact to produce seed coat and/or hilum color
 phenotypes of gray (G), **yellow** (Y), black (B1), imperfect black
 (Ib), **brown** (Br), striped **brown-black**, red-
brown (Rbr), or buff (Bf). The T/t and W1/w1 loci also condition
tawny/gray pubescence and purple/**white** flowers,
 respectively. T236, a **white**-flowered gray-pubescence accession
 in the **soybean** genetic collection, has a unusual red-buff (Rbf)
 seed coat. The genetic relationship of Rbf to the other seed coat colors
 was not known. To evaluate this relationship, T236 was mated to six
soybean lines of known genotype relative to the five loci. F-2
 individuals were classified as to flower, pubescence, seed coat, and hilum
 color. In all crosses, only F-2 plants with white flowers, gray
 pubescence, and an R- genotype produced Rbf seed coats or hila. The F-2
 segregation ratios were not compatible with an inheritance model for Rbf
 that invoked allelic segregation at a sixth locus. Indeed, Rbf seed coat
 seemed to be conditioned by a new allele at the T/t locus, symbolized as
 t-r. While there was no perceptible difference in the gray pubescence
 phenotypes conditioned by the t and t-r alleles, the t-r allele was
 detectable in an R-w/w1 genetic background, where the allelic series
 T/t-r/t produced the seed coat color phenotypes of B1/Rbf/Bf (in
 left-to-right dominance-recessiveness order). In all other backgrounds
 (i.e., R-W1-, rrW1-, and rrwlw1), the seed coat colors produced by t and
 t-r were identical. The currently accepted model for the inheritance of
 anthocyanidin pigments in the **soybean** seed coat is that: (i) R
 necessary for anthocyanidin production, (ii) T is needed for
 dihydroxylation of the B-ring, (iii) W1 is needed for trihydroxylation of
 the B-ring. Our postulation that the Rbf seed coat phenotype requires an
 R-t-r-w1w1 genotype is consistent with this theory. It is also consistent
 with the report that pelargonidin, a monohydroxylated B-ring
 anthocyanidin, is the predominant pigment in the Rbf seed coats of strain
 T236.

=>